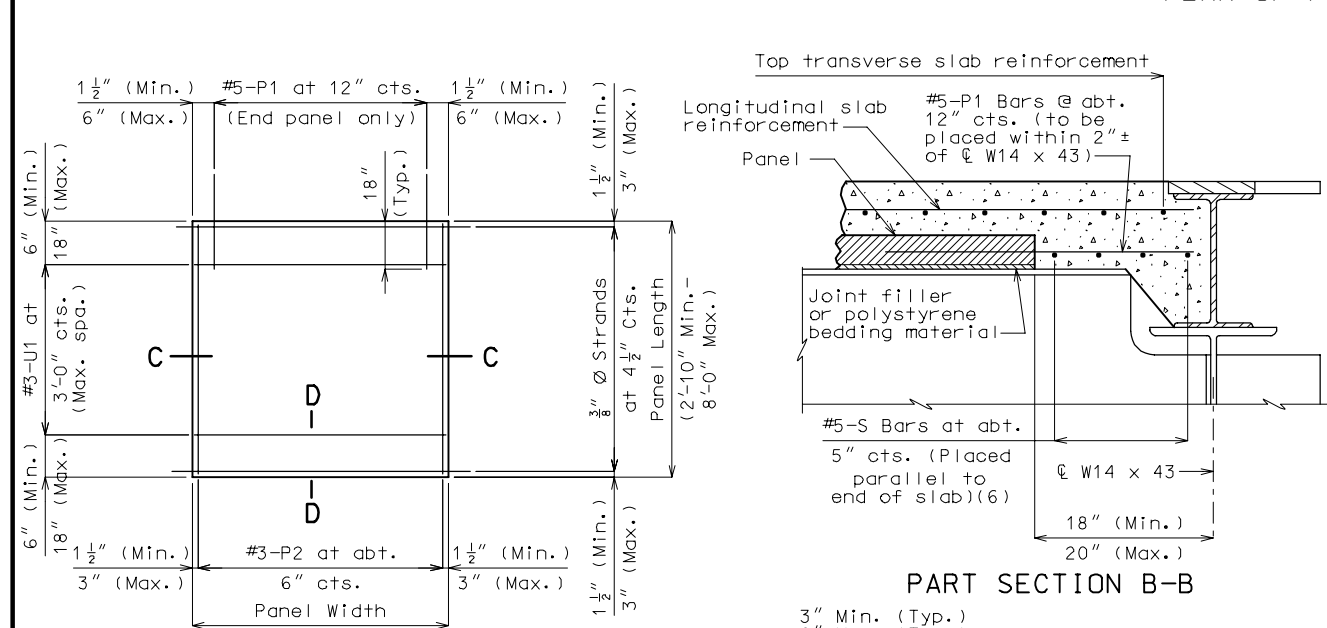


PLAN OF PRECAST PRESTRESSED PANELS PLACEMENT



SECTION A-A

Note: Use slab haunching diagram on Sheet No. XX for determining thickness of joint filler or polystyrene bedding material within the limits noted in general notes.

NOTES:

NOTES:
Cost of S-bars shall be included in the price bid for
Slab on Steel per square yard.

S-bars are not listed in the bill of reinforcing.

(1) End panels shall be dimensioned 1" min. to 1-1/2" max. from the inside face of diaphragm.

(2) S-bars shown are bottom steel in slab between panels and used with squared end panels only.

(3) Adjustment in the slab thickness, joint filler or polystyrene bedding material thickness, or grade will be necessary if the girder camber after erection differs from plan camber by more than the % of dead load deflection due to the weight of structural steel. No payment will be made for additional labor or materials for the adjustment.

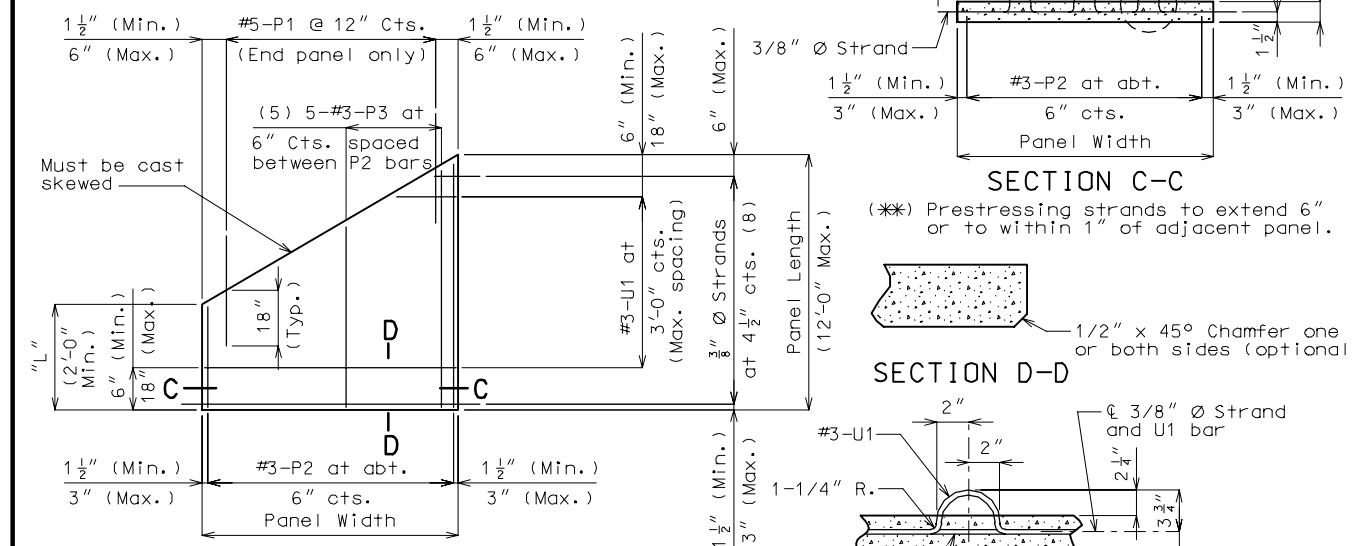
(4) All panel support pads shall be glued to the girder. When support thickness exceeds 1-1/2 inches, the pads shall be glued top and bottom. The glue used shall be the type recommended by the panel support pads manufacturer.

(5) Use #3-P3 bars if panel is skewed 45° or greater.

(6) S-bars shown are used with skewed end panels, or square end panels of square structures only. The #5 S-bars shall extend the width of slab (30 inches lap if necessary) or to within 3 inches of expansion device assemblies.

(7) Extend S-bars 18" beyond the front face of end bents only.

(8) Any strand 2'-0" or shorter shall have a #4 reinforcing bar on each side of it, centered between strands. Strands 2'-0" or shorter may then be debonded at the fabricator's option.



SECTION C-C

(**) Prestressing strands to extend 6" or to within 1" of adjacent panel.

SECTION D-D

BENDING DIAGRAM FOR U1 BAR

(U1 Bars may be oriented at right angles to location and spacing shown. U1 Bars shall be placed between P1 bars).

DETAIL "A"

DETAILS OF PRECAST PRESTRESSED PANELS

Detailed
Checked

Note: This drawing is not to scale. Follow dimensions.

Sheet No. of

COUNTY SPN 1

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